

# Torque Amplifiers

## Major advantages of Hy-Capacity's Rebuilt TA's

- The Sprag has been completely redesigned.
- The new Sprag is an **engaging sprag** (the previously used disengaging sprag was the major cause of premature sprag failure).
- Shoes are now .250" longer and .010" oversized compared to the original sprag.
- Drag Strips have been added to the inside of the sprag for better oiling.
- 3 different Torque Amplifiers to meet your needs.



### Standard TA

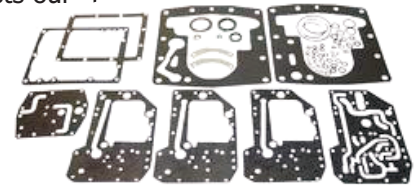
The standard TA consists of 2 speeds or sides. The low side or TA side has a sprag (one way clutch) and two hydraulic lock-up discs. This prevents the tractor from over-running the sprag in a coasting situation while at the same time assisting the sprag to pull. The high side of the direct drive clutch pack is completely hydraulic, consisting of three friction discs and three separators.

### Heavy Duty TA

The heavy duty TA has the same features of the standard TA **plus** a 4th disc and plate which have been added on the high or direct drive side. By adding this disc and plate the direct drive torque capacity is increased by over 33%.

### Super TA

The Super TA has the same features of the standard and HD TA **plus** a 3rd disc and plate which have been added in the low or TA side. These additions increase the direct drive torque capacity by 33% and the TA lock-up clutch torque capacity by 50%, which also assists our HD sprag in pulling.



<b>TA's to fit IH tractors 706 through 1486, 2706, 2806, 3088, 3288 and 3688</b> <i>All take gasket kit p/n 79020</i>	<b>TA's to fit IH tractors 1566, 1568, 1586, 3788 and 6788</b> <i>All take gasket kit p/n 79018</i>	<b>TA's to fit IH tractors 3388, 3588, 6388 and 6588</b> <i>All take gasket kit p/n 79019</i>
Standard TA p/n 74493	Standard TA p/n 74494	Standard TA p/n 74495
Heavy Duty TA p/n 529091-HD	Heavy Duty TA p/n 68135-HD	Heavy Duty TA p/n 142039-HD
Super TA p/n 392292-Super	Super TA p/n 68135-Super	Super TA p/n 142039-Super

## New Replacement Quills

When replacing the Torque Amplifier we recommended the Quill be replaced at the same time. Considering the wear on the quill with the engagement and disengagement of the TA, this practice will save you and your customer time and aggravation later.

<b>p/n 382349-NEW</b> Fits International Tractors 706 thru 1486, 3088, 3288, 3388, 3588, 3688, 6388 and 6588.	<b>p/n 68139-NEW</b> Fits International Tractors 1566, 1568, 1586, 3788 and 6788.
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